

communication means to send said communication information in accordance with a request submitted through an incoming communication link from a remote communication device, so as to allow said Internet communication system to provide requested communication from said remote communication device to said offline remote communication device via the Internet; and

- (d) keep-alive operating instructions to be stored in keep-alive memory circuitry of said offline remote communication device comprising a switchable main power-supply system that is deactivated for conserving energy in a keep-alive state;

whereby said keep-alive operating instructions are provided for rendering said offline remote communication device communicable from said keep-alive state with said communication means in such a manner that at least the presence of said communication information is delivered to said offline remote communication device so as to establish said requested communication instantly.

41. (Amended) The Internet communication system of claim 38, wherein said communication means is adapted to comprise a plurality of local communication circuitry connected to the Internet at separate locations, and wherein said operation instructions are adapted to comprise a step of selecting one of said local communication circuitry that is situated at a location with an area code in accordance with said request to send said communication information to said offline remote communication device.

44. (Amended) The Internet communication system of claim 38 further comprising memory storage for storing information to be delivered thereto, and wherein said operating instructions are provided for requesting said communication means to send a message to said offline remote communication device through said outgoing communication link to instantly notify the delivering of said communication information.

45. (Amended) A method for enabling an Internet service provider to provide requested communications instantly, comprising the steps of:

- (a) providing communication means operable (i) for establishing an incoming communication link to the Internet when receiving an incoming communication request from a remote communication device and (ii) for initiating an outgoing communication link to send outgoing communication information to an offline remote communication device;
- (b) providing a control system for controlling operation of said communication means;
- (c) providing operating instructions available to said control system for instructing said communication means to send said outgoing communication information in accordance with said incoming communication request submitted from said remote communication device, so as to provide requested communication from said remote communication

- device to said offline remote communication device; and
- (d) providing keep-alive operating instructions to be stored in keep-alive memory circuitry of said offline remote communication device comprising a switchable main power-supply system that is deactivated for conserving energy in a keep-alive state; whereby said keep-alive operating instructions are provided for rendering said offline remote communication device communicable from said keep-alive state with said communication means in such a manner that at least the presence of said communication information is delivered to said offline remote communication device so as to establish said requested communication instantly.

47. (Amended) The method of claim 45, wherein said providing communication means is adapted to provide a plurality of local communication circuitry connected to the Internet at separate locations, and wherein said providing operation instructions is adapted to provide a step of selecting one of said local communication circuitry that is situated at a location with an area code in accordance with said request to send said outgoing communication information to said offline remote communication device.

48. (Amended) The method of claim 45 further comprising the steps of (i) determining if a forwarding or routing service is requested, (ii) if yes, instructing said communication means to further send another outgoing communication information to another offline remote communication device accordingly, and (iii) forwarding or routing requested communication information to said another remote communication device.

49. (Amended) A communication operating system for enabling an Internet communication system to provide requested communication links instantly, comprising the steps of:

- (a) allowing said Internet communication system to establish a plurality of incoming communication links each to be initiated by a remote communication apparatus to access the Internet;
- (b) determining if said remote communication apparatuses each submits a request for communicating further with an offline remote communication apparatus;
- (c) if yes, instructing said Internet communication system to send outgoing communication information to a respective one of said offline remote communication apparatuses accordingly;
- (d) providing keep-alive operating instructions to be stored in keep-alive memory circuitry of said offline remote communication apparatuses each comprising a switchable main power-supply system that is deactivated for conserving energy in a keep-alive state, wherein said keep-alive operating instructions are rendered communicable from said keep-alive state with said Internet communication system; and
- (e) communicating said keep-alive operating instructions from said keep-alive state with

said Internet communication system in such a manner that at least the presence of said communication information is delivered to said offline remote communication apparatus so as to allow a requested communication to be established instantly.

50. (Amended) The communication operating system of claim 49 further comprising the steps of (i) determining if a forwarding or routing service is requested, and (ii) if yes, sending another outgoing communication information for initiating a third communication link] to another offline remote communication apparatus accordingly.

Kindly add new claims 51 and 52 as follows:

51. (New) The communication operating system of claim 49 further comprising the steps of activating selectively an audio, video, visual signal or their combinations to said offline remote communication apparatus to instantly alert a user for the presence of said communication information.

52. (New) The communication operating system of claim 49 further comprising the steps of storing said communication information to memory storage of said offline remote communication apparatus, said memory storage being selected from the group consisting of said keep-alive memory circuitry, nonvolatile memory storage, and their combinations, so as to instantly provide said communication information even if the Internet is not accessible.